WATER FINANCIAL FORECAST

Baseline Budget

		Actual FY 2016	Budget FY 2017	Estimate FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Revenues (x 1,000)									
Rate Revenue		$32,804	$37,334	$35,530	$37,120	$38,086	$37,265	$36,660	$36,649
Non Rate Revenue		$14,299*	$7,449	$6,679	$6,934	$7,106	$7,302	$7,436	$7,585
Impact Fee From Reserves		$4,000	$4,000	$4,000	$3,755	$4,534	$5,200	$5,200	$4,800
Subtotal		$51,104	$48,783	$46,208	$47,809	$49,726	$49,767	$49,296	$49,034
Planned Use of Reserves		0	3,000	3,299	0	0	0	0	0
TOTAL REVENUE		**$51,104**	**$51,783**	**$49,507**	**$47,809**	**$49,726**	**$49,767**	**$49,296**	**$49,034**
Expenditures (x 1,000)									
O&M		$17,844	$22,417	$20,679	$21,505	$21,914	$22,584	$23,139	$24,255
Revenue Funded Capital		$8,035	$12,394	$12,447	$8,269	$8,269	$8,269	$8,269	$8,269
Transfers (Internal and External)		$2,046	$2,223	$2,098	$2,174	$2,256	$2,367	$2,427	$2,489
ROI/Franchise Fee		$2,849	$3,217	$3,087	$3,224	$3,307	$3,239	$3,184	$3,184
Debt Service		$13,443	$11,533	$11,195	$12,638	$13,508	$14,765	$14,024	$13,113
TOTAL EXPENSE		**$44,217**	**$51,783**	**$49,507**	**$47,809**	**$49,254**	**$51,223**	**$51,043**	**$51,310**
Net Income		**$6,887***	**$0**	**$0**	**$0**	**$472**	**($1,456)**	**($1,747)**	**($2,276)**
Rate Increases		5.0%	5.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FY 2017 Rate Increases		*3.0%*	*5.0%*	*5.0%*	*4.0%*	*3.0%*	*2.0%*	*3.0%*	--
Impact Fee SFE's	**Zone 1A - $3,100**	118	358	315	419	350	174	184	133
	Zone 1B - $3,900	1,229	800	702	559	556	697	560	345
	Zone 2 - $4,500	-	-	-	54	102	152	361	535
	Total	1,347	1,158	1,017	1,031	1,008	1,023	1,105	1,013

RESERVE BALANCES		**FY 2016**	**FY 2017**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**
Working Capital		$3,537	$4,143	$3,961	$3,825	$3,940	$4,098	$4,083	$4,105
Operating Reserve		$20,613	$17,456	$16,641	$16,527	$16,633	$14,769	$13,037	$10,740
Wrking Cptl + Op Reserve		**$24,150**	**$21,599**	**$20,601**	**$20,351**	**$20,573**	**$18,867**	**$17,120**	**$14,844**
Number of Working Days		199	152	152	155	152	134	122	106
Development Plan Lines		$0	$0	$250	$500	$750	$1,000	$1,000	$1,000
Impact Fee Reserve		$5,607	$5,225	$5,281	$5,250	$4,440	$2,980	$1,970	$1,140
Debt Coverage Ratio - 1.25		2.34	2.48	2.42	1.96	1.93	1.72	1.73	1.74
Wrking Cptl/ Op Reserve Target - 120 Days (33%)		**$14,591**	**$17,088**	**$16,337**	**$15,777**	**$16,254**	**$16,904**	**$16,844**	**$16,932**
Wrking Cptl/ Op Reserve Target - 180 Days (50%)		**$22,108**	**$25,891**	**$24,754**	**$23,905**	**$24,627**	**$25,612**	**$25,521**	**$25,655**
Net Revenue w/Rate Increase	1%			$320	$335	$343	$336	$330	$330

*Includes one-time transfer of $7.5 million related to refunding of the Utility Revenue Bonds and release of related reserve funds.

WATER FUND
RESOURCE & EXPENDITURE SUMMARY
FY 2017-18

BASELINE BUDGET

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROPOSED	2019-20 PROPOSED
Interest Operating	$ 99,325	$ 148,000	$ 148,000	$ 175,000	$ 207,000	$ 258,000
Water Sales Residential	16,705,733	19,449,831	18,420,786	19,550,225	19,759,939	19,574,663
Water Sales Commercial	15,481,755	17,335,218	16,557,548	17,016,173	17,758,174	17,127,768
Water for Resale	616,588	548,878	551,171	553,406	567,639	562,738
Other Water	1,183,685	794,235	791,612	811,832	822,464	835,647
Cost of Service - General Fund	572,961	766,283	720,288	648,189	662,251	676,621
Cost of Service - Electric	3,089,574	3,616,304	3,221,468	3,432,604	3,506,131	3,581,292
Cost of Service - Wastewater	1,053,147	1,247,131	1,027,036	1,083,019	1,107,515	1,132,581
Cost of Service - Solid Waste	733,128	877,291	770,284	783,469	800,535	817,982
Other Transfers	7,567,639	-	-	-	-	-
Impact Fee Revenue Utilization	4,000,000	4,000,000	4,000,000	3,755,404	4,533,852	5,200,000
TOTAL REVENUES	$ 51,103,535	$ 48,783,171	$ 46,208,193	$ 47,809,321	$ 49,725,500	$ 49,767,292
Use of Reserves		2,999,520	3,299,006	-	-	-
TOTAL RESOURCES	$ 51,103,535	$ 51,782,691	$ 49,507,199	$ 47,809,321	$ 49,725,500	$ 49,767,292

EXPENDITURES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROPOSED	2019-20 PROPOSED
Water Administration	$ 1,211,389	$ 1,576,677	$ 1,274,849	$ 1,335,033	$ 1,371,592	$ 1,390,731
Utility Administration	1,290,189	1,479,692	1,478,700	1,572,432	1,605,242	1,638,749
Water Production	9,511,169	8,371,608	7,764,628	13,023,627	11,377,434	8,495,931
Water Distribution	6,408,066	14,165,939	14,187,633	5,454,595	7,229,596	10,470,940
Water Metering	2,015,645	2,495,518	2,444,710	2,415,131	2,495,320	2,572,303
Water Laboratory	511,959	775,016	743,252	587,161	598,809	664,292
Customer Service	4,908,214	5,845,279	5,169,326	5,426,341	5,544,580	5,665,474
Misc. (Debt Service, Transfers, etc.)	18,360,017	17,072,962	16,444,101	17,995,001	19,031,125	20,324,939
TOTAL EXPENDITURES	$ 44,216,648	$ 51,782,691	$ 49,507,199	$ 47,809,321	$ 49,253,698	$ 51,223,359

WATER FUND
PERSONNEL SUMMARY

PERSONNEL Full Time Equivalents (FTE)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROPOSED	2019-20 PROPOSED
Water Administration	10.50	10.50	10.50	9.50	9.50	9.50
Water Production	36.00	37.00	37.00	37.00	38.00	38.00
Water Distribution	23.00	28.00	28.00	28.00	28.00	31.00
Water Metering	15.50	16.50	16.50	16.50	16.50	16.50
Water Laboratory	5.00	5.00	5.00	5.00	5.00	5.00
Utilities Administration	9.00	9.00	9.00	9.00	9.00	9.00
Customer Service	45.50	45.50	45.50	42.50	42.50	42.50
TOTAL PERSONNEL	144.50	151.50	151.50	147.50	148.50	151.50

WATER FUND
EXPENDITURES BY CLASSIFICATION
FY 2017-18

EXPENDITURES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROPOSED	2019-20 PROPOSED
Purchased Power	$ 1,295,189	$ 1,687,487	$ 1,514,562	$ 1,600,000	$ 1,680,000	$ 1,764,000
Purchased Water	-	-	-	-	-	-
Personal Services	9,563,805	11,552,965	11,061,897	11,408,173	11,704,996	12,134,709
Materials & Supplies	1,478,542	1,837,081	1,668,760	1,721,614	1,756,046	1,791,160
Maintenance & Repairs	1,215,538	1,749,468	1,482,487	1,558,572	1,589,743	1,621,537
Insurance	231,299	238,949	238,949	222,481	227,375	232,380
Return on Investment	1,173,001	1,334,486	1,271,239	1,327,607	1,361,788	1,333,529
Franchise Fee	1,675,715	1,882,155	1,816,056	1,896,582	1,945,411	1,905,041
Miscellaneous	324,843	307,115	308,297	342,778	349,633	356,626
Operations	1,732,764	3,067,453	2,429,435	2,639,209	2,693,174	2,743,154
Debt Service	13,443,255	11,532,670	11,195,412	12,638,094	13,508,250	14,764,775
Administrative Transfer - General Fund	1,332,629	1,365,798	1,365,798	1,300,002	1,339,002	1,379,172
Other Transfers	2,046,042	2,222,615	2,098,358	2,173,766	2,255,917	2,367,033
Transfer to Capital Projects	8,704,026	13,004,449	13,055,949	8,980,443	8,842,363	8,830,243
TOTAL EXPENDITURES	$ 44,216,648	$ 51,782,691	$ 49,507,199	$ 47,809,321	$ 49,253,698	$ 51,223,359

PERSONNEL Full Time Equivalents (FTE)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROPOSED	2019-20 PROPOSED
Regular	139.00	146.00	146.00	143.00	144.00	147.00
Temporary/Seasonal	5.50	5.50	5.50	4.50	4.50	4.50
TOTAL PERSONNEL	144.50	151.50	151.50	147.50	148.50	151.50

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Budget	2016-17 Estimate	2017-18 Proposed	% Change from FY17 Budget	$ change from FY17 Budget
6002	0	PRODUCTION POWER	1,398,275	1,295,189	1,687,487	1,514,562	1,600,000	-5%	(87,487)
6024	0	PRODUCTION FUEL-DIESEL	-	-	-	-	-		
		Production Power	**1,398,275**	**1,295,189**	**1,687,487**	**1,514,562**	**1,600,000**	-5%	(87,487)
			-	-	-	-	-		
6051	0	PURCHASED WATER	68,198	-	-	-	-		
		Total Purchased Water	**68,198**	**-**	**-**	**-**	**-**		
			-	-	-	-	-		
6101	0	SALARY AND WAGES	5,741,676	5,927,648	7,243,031	6,719,841	7,263,735	0%	20,704
6101	0023	TEMPORARY/SEASONAL	31,061	42,557	87,828	101,880	113,131	22%	25,303
6110	0	CIVILIAN OVERTIME	217,404	243,927	382,256	313,308	385,493	1%	3,237
6112	0	CIVILIAN LONGEVITY	50,908	55,224	60,928	56,032	59,568	-2%	(1,360)
6119	0	CAR ALLOWANCE	7,625	5,800	12,000	12,000	12,000	0%	-
6123	0	CELL PHONE ALLOWANCE	11,851	13,252	14,880	14,880	13,800	-8%	(1,080)
6142	0	FICA	389,311	445,964	591,062	546,705	592,757	0%	1,695
6142	0023	FICA - TEMPORARY	41,225	3,256	-	600	3,046	100%	3,046
6143	0	TMRS	1,085,335	1,094,308	1,335,490	1,279,755	1,352,091	1%	16,601
6150	0	HEALTH/MEDICAL INSURANCE	1,646,360	1,666,101	2,031,669	2,000,095	2,092,401	3%	60,732
6156	0	LIFE INSURANCE	13,649	5,213	4,058	4,058	4,107	1%	49
6158	0	LONG-TERM DISABILITY	17,428	8,912	9,160	9,160	9,178	0%	18
6162	0	WORKER'S COMP	42,784	50,743	43,216	40,747	38,318	-13%	(4,898)
6195	0	SALARY ADJUSTMENT	-	-	288,309	162,836	291,050	1%	2,741
6196	0	SALARY SAVINGS	-	-	(40,000)	-	(175,000)	77%	(135,000)
6198	0	LABOR CHARGE BACK	325,744	446,489	-	310,922	-	0%	-
6199	0	CAPITAL LABOR	(325,657)	(445,588)	(510,922)	(510,922)	(647,502)	21%	(136,580)
		Personal Services	**9,296,703**	**9,563,805**	**11,552,965**	**11,061,897**	**11,408,173**	-1%	(144,792)
			-	-	-	-	-		

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Budget	2016-17 Estimate	2017-18 Proposed	% Change from FY17 Budget	$ change from FY17 Budget
6302		OFFICE SUPPLIES	41,275	47,522	50,525	50,100	51,222	1%	697
6304		COPY CHARGES	11,634	10,553	15,600	14,240	14,982	-4%	(618)
6305		COPY CHARGES REPRO	5,166	4,658	11,455	9,455	9,855	-16%	(1,600)
6306		COPIER SUPPLIES	-	-	500	500	510	2%	10
6308		POSTAGE	217,280	259,295	251,115	240,051	256,005	2%	4,890
6312		UNIFORMS	17,512	14,086	23,279	21,200	23,279	0%	-
6314		PROTECTIVE CLOTHING	29,913	30,207	37,665	33,900	36,165	-4%	(1,500)
6322		COMPUTER FORMS & SUPPLIES	22,756	15,548	17,948	16,950	7,700	-133%	(10,248)
6324		COMPUTER PAPER	-	-	250	250	250	0%	-
6330		BOOKS & MAGAZINES	317	1,608	3,770	2,900	3,770	0%	-
6332		SMALL TOOLS & INSTRUMENTS	91,041	68,211	96,016	91,350	91,430	-5%	(4,586)
6334		CHEMICALS	702,203	793,878	911,227	819,970	893,300	-2%	(17,927)
6336		MEDICAL SUPPLIES	900	1,515	1,761	1,400	1,691	-4%	(70)
6338		BOTANICALS	4,736	-	8,000	5,000	5,000	-60%	(3,000)
6340		FREIGHT	767	5,184	8,509	7,950	8,506	0%	(3)
6342		JANITORIAL SUPPLIES	4,433	3,654	9,163	6,625	6,713	-36%	(2,450)
6346		MECHANICAL ELECTRICAL	24,001	36,939	25,000	25,000	25,000	0%	-
6360		BACTERIOLOGICAL	20,867	25,106	26,513	26,500	27,500	4%	987
6362		GLASSWARE	453	210	1,051	1,000	1,051	0%	-
6372		OUTSIDE SUPPLIES	2,619	2,100	5,950	5,150	5,800	-3%	(150)
6374		RADIO SUPPLIES	186	-	2,550	1,500	2,550	0%	-
6386		DOCUMENT PRINTING	147,331	101,983	115,600	111,944	120,350	4%	4,750
6388		LABORATORY SUPPLIES	45,966	43,271	52,337	50,000	42,410	-23%	(9,927)
6390		OTHER/MISC MATERIALS	-	-	500	250	500	0%	-
6391		FURNITURE & FIXTURES	33,091	613	33,227	20,450	23,200	-43%	(10,027)
6392		OFFICE MACHINES	11,023	9,146	41,620	26,425	29,125	-43%	(12,495)
6393		MACHINES AND EQUIPMENT	2,328	865	8,500	6,400	8,400	-1%	(100)
6394		MISCELLANEOUS EQUIPMENT	3,302	2,388	77,450	72,300	25,350	-206%	(52,100)
		Materials & Supplies	**1,441,099**	**1,478,542**	**1,837,081**	**1,668,760**	**1,721,614**	-7%	(115,467)
			-	-	-	-	-		
6502		FURNITURE & FIXTURES	408	-	5,510	4,500	5,520	0%	10
6504		OFFICE MACHINES	26,617	35,088	70,434	66,700	57,502	-22%	(12,932)
6506		MACHINERY & EQUIPMENT	151,334	164,054	257,925	229,250	206,800	-25%	(51,125)
6508		OTHER	94,349	60,647	120,400	104,000	100,400	-20%	(20,000)
6512		BUILDING & EQUIPMENT	73,099	60,178	101,487	79,825	91,550	-11%	(9,937)
6514		SIDEWALKS & GROUNDS	23,468	12,956	15,000	15,000	15,000	0%	-
6516		STREETS, CURBS & GUTTERS	404,293	342,053	352,000	351,000	347,000	-1%	(5,000)
6523		SYSTEM REPAIR MATERIALS	173,921	276,609	198,000	196,500	197,000	-1%	(1,000)
6525		GENERATING MACHINERY	201,345	149,125	250,000	220,000	220,000	-14%	(30,000)
6526		ACCESSORY ELECTRICAL EQUIPMENT	27,493	52,844	85,000	75,000	65,000	-31%	(20,000)
6536		RADIO EQUIPMENT	35,583	33,093	35,712	35,712	34,800	-3%	(912)
6542		UNDERGROUND DISTRIBUTION SYSTEM	6,050	-	10,000	8,000	10,000	0%	-
6544		PLUMBING REPAIRS	4,767	4,468	8,000	7,000	8,000	0%	-
6545		OUTSIDE CONTRACTED SERVICES	39,953	24,424	90,000	90,000	50,000	-80%	(40,000)
6548		WATER TANKS	-	-	150,000	-	150,000	0%	-
		Maintenance & Repair	**1,262,680**	**1,215,538**	**1,749,468**	**1,482,487**	**1,558,572**	-12%	(190,896)

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Budget	2016-17 Estimate	2017-18 Proposed	% Change from FY17 Budget	$ change from FY17 Budget
			-	-	-	-	-		
6704	0	FIRE & EXTENDED COVERAGE INSURANCE	88,783	88,882	95,249	95,249	102,297	7%	7,048
6706	0	GENERAL & AUTO LIABILITY	130,744	142,417	143,700	143,700	120,184	-20%	(23,516)
		Insurance	**219,527**	**231,299**	**238,949**	**238,949**	**222,481**	-7%	(16,468)
			-	-	-	-	-		
6802	0	COST ALLOCATION TRANSFER	-	-	-	-	-	0%	-
6804	0	RETURN ON INVESTMENT TRANSFER	1,099,858	1,173,001	1,334,486	1,271,239	1,327,607	-1%	(6,879)
6806	0	FRANCHISE FEE	1,571,226	1,675,715	1,882,155	1,816,056	1,896,582	1%	14,427
		Administrative Costs	**2,671,084**	**2,848,716**	**3,216,641**	**3,087,295**	**3,224,189**	0%	7,548
			-	-	-	-	-		
7702	0	AWARDS	16,354	18,725	21,135	20,064	21,953	4%	818
7704	0	COUNCIL & BOARD EXPENSES	16	-	1,000	1,000	1,000	0%	-
7708	0	CITY ORDINANCE SUPPLEMENT	-	-	500	500	500	0%	-
7710		CUSTOMER ENERGY INCENTIVE	23,050	35,590	-	-	-	0%	-
7710	0015	OTHER REBATES	190,471	198,624	170,000	170,000	200,000	15%	30,000
7710		TREE REBATES	-	-	-	-	-	0%	-
7726	0	PHYSICAL ASSESSMENT	-	-	125	50	125	0%	-
7729	0	CHAMBER OF COMMERCE	24,982	28,836	29,355	31,683	33,000	11%	3,645
7762		MISC COMMUNITY SERVICE	45,439	39,300	82,500	82,500	83,700	1%	1,200
		Miscellaneous	**300,312**	**321,074**	**304,615**	**305,797**	**340,278**	10%	35,663
			-	-	-	-	-		

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Budget	2016-17 Estimate	2017-18 Proposed	% Change from FY17 Budget	$ change from FY17 Budget
7802		HIRE OF EQUIPMENT	3,273	12,675	25,200	18,000	25,200	0%	-
7804		LICENSES	58,599	43,645	56,800	44,300	48,600	-17%	(8,200)
7805		STATE/REGULATORY FEES	196,169	239,947	383,550	352,500	360,226	-6%	(23,324)
7806		DUES & PUBLICATIONS	29,299	31,901	40,816	38,100	40,140	-2%	(676)
7810		LAUNDRY SERVICE	-	-	612	-	612	0%	-
7818		EMPLOYEE RECRUITMENT	3,928	2,474	5,587	2,843	5,281	-6%	(306)
7820		EMPLOYEE TRAINING	14,766	18,001	32,027	28,127	31,050	-3%	(977)
7830		BAD DEBT EXPENSE	106,113	-	143,000	105,000	91,000	-57%	(52,000)
7832		INTEREST UTILITY DEPOSIT	514	1,010	1,500	3,500	1,500	0%	-
7833		DRAINAGE FEE	7,011	7,011	7,500	7,500	7,500	0%	-
7837		IMPACT FEE IN-KIND SERVICES	-	-	5,000	-	5,000	0%	-
7842		GAS, OIL & DIESEL	132,047	101,860	219,520	166,670	199,520	-10%	(20,000)
7844		VEHICLE MAINTENANCE	281,474	277,637	303,732	289,200	303,266	0%	(466)
7854		CONSULTANT FEES	27,359	54,407	259,200	204,200	199,200	-30%	(60,000)
7855		ENVIORNMENTAL COMPLIANCE	-	-	1,545	1,545	2,000	23%	455
7856		ATTNY FEES - LITIGATION EXP	-	-	75,000	35,000	40,000	-88%	(35,000)
7860		ENGINEERING SUBLEDGER CHARGES	76,937	21,203	80,000	45,000	60,000	-33%	(20,000)
7866		COLLECTION EXPENSE	83,711	82,676	92,500	85,000	96,000	4%	3,500
7868		TEMPORARY SERVICES	-	-	2,000	2,000	2,000	0%	-
7872		FEES	8	-	250	100	250	0%	-
7877		PHONE SERVICES	1,525	1,250	1,515	1,515	1,515	0%	-
7879		OUTSIDE CONTRACT SERVICES	238,059	193,308	467,400	285,000	345,000	-35%	(122,400)
7882		BANK DEPOSITORY	386,852	329,584	433,500	340,000	380,000	-14%	(53,500)
7883		PLUS ONE EXPENDITURES	87,233	91,667	100,000	100,000	100,000	0%	-
7884		LOCK BOX	70,751	83,907	85,000	85,000	89,000	4%	4,000
7887		COURIER SERVICE	3,207	3,275	6,000	3,800	3,800	-58%	(2,200)
7888		DRUG SCREEN	5,030	3,414	5,402	4,375	4,602	-17%	(800)
7890		MEDICAL SERVICES	-	-	1,000	250	500	-100%	(500)
7898		LAB TESTING	24,082	24,424	23,356	22,500	23,500	1%	144
7899		OUTSIDE CONTRACT SERVICES	1,234	945	1,330	1,330	1,330	0%	-
7902		TRAVEL EXPENSES	20,744	19,655	45,921	44,100	43,812	-5%	(2,109)
7904		COUNCIL & BOARD MEALS	2,246	1,349	2,100	1,600	2,100	0%	-
7908		SCHOOLS & SEMINARS	10,990	13,877	33,134	33,345	39,969	17%	6,835
7912		ADVERTISING	750	173	4,750	3,450	4,250	-12%	(500)
7920		RENTS & LEASES	-	-	40,000	-	-	0%	(40,000)
7921		RENT OF VEHICLE	-	-	1,000	500	1,000	0%	-
7932		GAS SERVICE	3,821	1,273	6,000	3,000	4,500	-33%	(1,500)
7934	392471	ELECTRICAL SERVICE	8,200	9,042	8,300	8,050	8,300	0%	-
7936		WATER & WASTEWATER SERVICE	8,930	12,604	8,700	8,700	9,500	8%	800
7938		SOLID WASTE COLLECTION	32,218	35,087	45,300	42,800	45,300	0%	-
7942		TELEPHONE - FIXED COST	39,302	1,285	-	500	500	100%	500
7944		TELEPHONE - LONG DISTANCE	3,189	1,894	5,175	3,650	5,075	-2%	(100)
7946		TELE/MOBIL/PAGER	9,201	10,304	7,231	7,385	7,311	1%	80
		Operations	**1,978,773**	**1,732,764**	**3,067,453**	**2,429,435**	**2,639,209**	-16%	(428,244)
			-	-	-	-	-		

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Budget	2016-17 Estimate	2017-18 Proposed	% Change from FY17 Budget	$ change from FY17 Budget
8106	0	FISCAL AGENT FEE	2,369	3,769	2,500	2,500	2,500	0%	-
		Interest Expenses & Fiscal Changes	**2,369**	**3,769**	**2,500**	**2,500**	**2,500**	0%	-
			-	-	-	-	-		
8301	0001	DEBT SERVICE TRANSFER - GENERAL FUND	5,651,818	7,543,408	11,532,670	11,195,412	12,638,094	9%	1,105,424
8301	0002	DEBT SERVICE TRANSFER - UTILITY	8,180,544	5,899,847	-	-	-	0%	-
		Debt Service Transfer	**13,832,362**	**13,443,255**	**11,532,670**	**11,195,412**	**12,638,094**	9%	1,105,424
			-	-	-	-	-		
8402		ADMINISTRATIVE TRANSFER	1,376,280	1,332,629	1,365,798	1,365,798	1,300,002	-5%	(65,796)
8404		TRSFR TO ELECTRIC FUND	615,230	660,776	725,544	725,544	752,162	4%	26,618
8407		TRSFR TO SAFETY & TRAINING	86,423	91,388	98,560	98,560	97,152	-1%	(1,408)
8408		TRSFR TO WASTEWATER FUND	131,476	135,420	139,483	-	-	0%	(139,483)
8411	0002	TRSFR TO CAP PROJ - WATER	6,737,635	8,017,469	12,394,244	12,447,244	8,268,658	-50%	(4,125,586)
8411	0003	TRSFR TO PROJ - WW	27,825	17,500	-	-	-	0%	-
8411	0004	TRSFR TO CAP PROJ - DRAINAGE	-	-	-	-	-	0%	-
8411	0006	TRSFR TO VEHICLE REPLACEMENT	572,095	583,425	521,725	521,725	494,825	-5%	(26,900)
8411	0011	TRSFR TO CAP PROJ - AUCTION FUND	151,201	32,077	78,480	78,480	36,960	-112%	(41,520)
8412		TRSFR TO FLEET	24,375	19,749	19,750	19,750	20,250	2%	500
8416		TRSFR TO TECH SVCS	725,221	772,683	854,977	854,977	904,695	5%	49,718
8419	0023	TRSFR TO ST IMPR/Bond Sale Savings	17,500	164,314	184,314	199,540	199,540	8%	15,226
8419	0025	TRSFR TO ENGINEERING	77,845	77,845	82,750	82,750	85,233	3%	2,483
8421		TRSFR TO MATERIALS MANAGEMENT	170,191	123,867	117,237	117,237	114,734	-2%	(2,503)
		Interfund Transfers	**10,713,297**	**12,029,143**	**16,582,862**	**16,511,605**	**12,274,211**	-35%	(4,308,651)
			-	-	-	-	-		
8505		PROPERTY & EQUIPMENT	-	5,496	-	-	-	0%	-
8535		MACHINERY & EQUIPMENT	16,100	33,458	10,000	8,500	140,000	93%	130,000
8545		COMPUTERS & RELATED EQUIPMENT	-	14,600	-	-	40,000	100%	40,000
		Fixed Assets	**16,100**	**53,554**	**10,000**	**8,500**	**180,000**		
			-	-	-	-	-		
		Total Water Utility	**43,200,780**	**44,216,648**	**51,782,691**	**49,507,199**	**47,809,321**	-8%	(3,973,370)
			-	-	-	-	-		
		Total Less "Locked Costs"	**6,432,224**	**6,067,337**	**8,622,892**	**7,376,329**	**8,007,373**	-7.1%	(615,519)

Locked Costs

6101-6199 PERSONAL SERVICES
6536 RADIO EQUIPMENT
6704 FIRE & EXTENDED COVERAGE INSURANCE
6706 GENERAL & AUTO LIABILITY
6804-6806 ADMINISTRATIVE COSTS
8301 DEBT SERVICE
8401-8499 INTERFUND TRANSFERS

WATER AND WASTE-WATER

2017 - 2018 VEHICLE REPLACEMENTS AND ADDITIONS

HBU	DIVISION	DESCRIPTION	OLD EMIS #	REPLACEMENT	ADDITION	FUNDS
630001	Water Admin	1/2 T Ext Cab Truck	WA0448	$30,000		Recovery
630100	Production	Escape	WP0674	$25,000		Recovery
630200	Distribution	Vacuum Excavator	WD0673	$70,000		Recovery
630200	Distribution	14 yd Dump Truck	WD0769	$150,000		Recovery
630200	Distribution	Trailer	WD0429a	$5,000		Recovery
630300	Metering	2 T Utility Truck	WM0866	$60,000		Recovery
			Water Utility subtotal:	**$340,000**	**$0**	
			Transfer to Vehicle Recovery Fund			
640001	WW Admin	3/4 T Truck 4x4	WW0645	$45,000		Recovery
640100	Reclamation	3/4 T Crew Truck	WT0773	$32,000		Recovery
640200	Collections	Pump	WC9852	$60,000		Recovery
640200	Collections	Mini Excavator	WC0880	$30,000		Recovery
640200	Collections	Compactor	WC1437	$40,000		Recovery
640400	Beneficial Reuse	Wheel Loader	BS0643	$350,000		CO's
640400	Beneficial Reuse	Escape	BS0656	$25,000		Recovery
640600	Pretreatment	1/2 T Truck	PT0648	$25,000		Recovery
640700	Drainage	Trackhoe	DR0868	$225,000		Recovery
640700	Drainage	3/4 T Truck 4x4	DR0254	$35,000		Recovery
640700	Drainage	Vacuum Excavator	DR0968	$70,000		Recovery
640750	Watershed	3/4 T Crew Truck	WS0647	$35,000		Recovery
			Wastewater Utility subtotal:	**$972,000**	**$0**	

UTILITIES - WATER
WATER ADMINISTRATION

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Transfer In	$ 49,308	$ 50,784	$ 50,784	$ -	$ -	$ -
Transfer from Wastewater	108,755	107,434	-	-	-	-
Water System Resources	1,053,326	1,418,459	1,224,065	1,335,033	1,371,592	1,390,731
TOTAL RESOURCES	$ 1,211,389	$ 1,576,677	$ 1,274,849	$ 1,335,033	$ 1,371,592	$ 1,390,731

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Personal Services	$ 704,994	$ 962,928	$ 819,043	$ 820,068	$ 836,468	$ 853,197
Material & Supplies	14,688	27,825	21,875	26,875	27,413	27,959
Maintenance & Repair	26,263	43,200	31,700	28,900	29,478	30,067
Insurance	10,831	11,139	11,139	11,352	11,580	11,812
Miscellaneous	33,434	33,046	34,928	36,691	37,425	38,174
Operations	75,889	411,821	269,446	306,821	312,957	319,217
Capital Outlay	267,650	5,150	5,150	5,150	14,150	5,150
Other Transfers	77,640	81,568	81,568	99,176	102,121	105,155
TOTAL EXPENDITURES	$ 1,211,389	$ 1,576,677	$ 1,274,849	$ 1,335,033	$ 1,371,592	$ 1,390,731

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	7.50	7.50	7.50	7.50	7.50	7.50
Temporary/Seasonal	3.00	3.00	3.00	2.00	2.00	2.00
TOTAL PERSONNEL	10.50	10.50	10.50	9.50	9.50	9.50

MAJOR BUDGET CHANGES

Elimination of 1.00 Temporary FTE in FY 2018

*Estimate as of May, 2017

UTILITIES - WATER
MISCELLANEOUS

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Water System Resources	$ 25,246,906	$ 17,072,962	$ 16,444,101	$ 17,995,001	$ 19,502,926	$ 18,868,871
TOTAL RESOURCES	$ 25,246,906	$ 17,072,962	$ 16,444,101	$ 17,995,001	$ 19,502,926	$ 18,868,871

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Return on Investment	$ 1,173,001	$ 1,334,486	$ 1,271,239	$ 1,327,607	$ 1,361,788	$ 1,333,529
Franchise Fee	1,675,715	1,882,155	1,816,056	1,896,582	1,945,411	1,905,041
Debt Service	13,443,255	11,532,670	11,195,412	12,638,094	13,508,250	14,764,775
Administrative Transfer to General Fund	830,011	850,670	850,670	809,690	833,981	859,000
Other Transfers	1,238,035	1,329,981	1,205,724	1,232,028	1,287,695	1,370,594
Bad Debt Expense	-	143,000	105,000	91,000	94,000	92,000
TOTAL EXPENDITURES	$ 18,360,017	$ 17,072,962	$ 16,444,101	$ 17,995,001	$ 19,031,125	$ 20,324,939

BALANCE OF REVENUES	$6,886,889	$0	$0	$0	$471,801	($1,456,068)

*Estimate as of May, 2017

UTILITIES - WATER
UTILITY ADMINISTRATION

RESOURCES		2015-16 ACTUAL		2016-17 BUDGET		2016-17 ESTIMATE*		2017-18 PROPOSED		2018-19 PROJECTED		2019-20 PROJECTED
Water System Resources	$	346,741	$	312,416	$	398,243	$	370,255	$	378,261	$	386,439
Electric Fund Transfer		384,988		407,246		380,331		480,674		489,879		499,274
Wastewater Fund Transfer		210,974		284,153		264,493		277,507		283,507		289,636
Drainage Transfer		51,273		69,678		64,280		41,715		42,617		43,538
Solid Waste Fund Transfer		21,875		29,726		27,424		36,262		37,046		37,846
Non Utility Transfer		274,337		376,473		343,929		366,019		373,933		382,016
TOTAL RESOURCES	$	1,290,189	$	1,479,692	$	1,478,700	$	1,572,432	$	1,605,243	$	1,638,749

EXPENDITURE SUMMARY		2015-16 ACTUAL		2016-17 BUDGET		2016-17 ESTIMATE*		2017-18 PROPOSED		2018-19 PROJECTED		2019-20 PROJECTED
Personal Services	$	806,632	$	958,273	$	957,855	$	1,017,749	$	1,038,104	$	1,058,867
Material & Supplies		12,239		17,800		17,700		17,994		18,354		18,719
Maintenance & Repair		240		1,000		1,000		1,020		1,040		1,060
Insurance		9,309		8,322		8,322		8,436		8,604		8,776
Miscellaneous		274,380		255,069		255,069		286,269		291,994		297,833
Operations		44,254		99,910		99,436		92,010		93,851		95,727
Transfer to General Fund		83,002		85,067		85,067		80,969		83,398		85,900
Transfers to Capital Projects		-		2,000		2,000		3,500		3,500		3,500
Other Transfers		60,133		52,251		52,251		64,485		66,397		68,367
TOTAL EXPENDITURES	$	1,290,189	$	1,479,692	$	1,478,700	$	1,572,432	$	1,605,242	$	1,638,749

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	8.00	8.00	8.00	8.00	8.00	8.00
Temporary/Seasonal	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PERSONNEL	9.00	9.00	9.00	9.00	9.00	9.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2017

UTILITIES - WATER
WATER PRODUCTION

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Water System Resources	$ 9,511,169	$ 8,371,608	$ 7,764,628	$ 13,023,627	$ 11,377,434	$ 8,495,931
TOTAL RESOURCES	$ 9,511,169	$ 8,371,608	$ 7,764,628	$ 13,023,627	$ 11,377,434	$ 8,495,931

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Personal Services	$ 2,679,056	$ 3,114,407	$ 2,959,172	$ 3,159,237	$ 3,282,422	$ 3,348,072
Material & Supplies	944,019	1,180,300	1,048,470	1,083,500	1,105,170	1,127,273
Maintenance & Repair	436,580	844,006	633,506	736,700	751,434	766,463
Insurance	114,196	114,883	114,883	96,445	98,374	100,341
Miscellaneous	3,374	5,100	4,500	4,700	4,794	4,890
Operations	512,045	691,800	605,910	653,550	666,621	679,951
Purchased Power	1,295,189	1,687,487	1,514,562	1,600,000	1,680,000	1,764,000
Purchased Water	-	-	-	-	-	-
Capital Outlay	3,439,668	634,520	784,520	5,590,560	3,687,800	601,240
Other Transfers	87,043	99,105	99,105	98,935	100,819	103,701
TOTAL EXPENDITURES	$ 9,511,169	$ 8,371,608	$ 7,764,628	$ 13,023,627	$ 11,377,434	$ 8,495,931

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	36.00	37.00	37.00	37.00	38.00	38.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	36.00	37.00	37.00	37.00	38.00	38.00

MAJOR BUDGET CHANGES

Adding 1 FTE in FY 2019 - Electronic Tech.

*Estimate as of May, 2017

UTILITIES - WATER
WATER DISTRIBUTION

RESOURCES	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 ESTIMATE*	2017-2018 PROPOSED	2018-2019 PROJECTED	2019-2020 PROJECTED
Transfer from Wastewater	$ 65,294	$ 66,504	$ 66,504	$ 68,425	$ 70,478	$ 72,592
Water System Resources	6,342,772	14,099,435	14,121,129	5,386,170	7,159,118	10,398,348
TOTAL RESOURCES	$ 6,408,066	$ 14,165,939	$ 14,187,633	$ 5,454,595	$ 7,229,596	$ 10,470,940

EXPENDITURE SUMMARY	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 ESTIMATE*	2017-2018 PROPOSED	2018-2019 PROJECTED	2019-2020 PROJECTED
Personal Services	$ 1,298,588	$ 1,851,019	$ 1,920,838	$ 1,904,370	$ 1,952,618	$ 2,196,129
Material & Supplies	47,737	116,150	112,625	74,150	75,633	77,145
Maintenance & Repair	679,993	672,500	658,500	657,200	670,344	683,751
Insurance	32,232	44,872	44,872	44,306	45,636	47,006
Miscellaneous	4,233	4,000	3,000	4,000	4,080	4,162
Operations	295,527	382,630	354,530	367,630	374,983	382,483
Capital Outlay	3,993,048	11,036,204	11,034,704	2,350,658	4,052,738	7,025,378
Other Transfers	56,708	58,564	58,564	52,281	53,564	54,886
TOTAL EXPENDITURES	$ 6,408,066	$ 14,165,939	$ 14,187,633	$ 5,454,595	$ 7,229,596	$ 10,470,940

PERSONNEL (Full Time Equivalents)	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 ESTIMATE*	2017-2018 PROPOSED	2018-2019 PROJECTED	2019-2020 PROJECTED
Regular	23.00	28.00	28.00	28.00	28.00	31.00
Temporary/Seasonal	-	-	-	-	-	-
TOTAL PERSONNEL	23.00	28.00	28.00	28.00	28.00	31.00

MAJOR BUDGET CHANGES

Adding 3 FTEs in FY 2020, 1 HEO I and 2 HEO II

*Estimate as of May, 2017

UTILITIES - WATER
WATER METERING

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Water System Resources	$ 2,015,645	$ 2,495,518	$ 2,444,710	$ 2,415,131	$ 2,495,320	$ 2,572,303
TOTAL RESOURCES	$ 2,015,645	$ 2,495,518	$ 2,444,710	$ 2,415,131	$ 2,495,320	$ 2,572,303

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Personal Services	$ 838,422	$ 1,069,343	$ 1,069,019	$ 1,035,748	$ 1,054,962	$ 1,067,210
Material & Supplies	32,197	48,400	43,600	57,855	59,012	60,192
Maintenance & Repair	54,242	108,388	95,588	92,358	94,205	96,089
Insurance	18,655	16,356	16,356	18,114	18,476	18,846
Miscellaneous	1,957	2,300	2,000	2,300	2,346	2,393
Operations	79,324	139,250	103,666	139,350	142,137	144,980
Capital Outlay	954,285	1,072,200	1,075,200	1,026,200	1,079,800	1,137,000
Other Transfers	36,563	39,281	39,281	43,206	44,382	45,593
TOTAL EXPENDITURES	$ 2,015,645	$ 2,495,518	$ 2,444,710	$ 2,415,131	$ 2,495,320	$ 2,572,303

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	15.50	16.50	16.50	16.50	16.50	16.50
Temporary/Seasonal	-	-	-	-	-	-
TOTAL PERSONNEL	15.50	16.50	16.50	16.50	16.50	16.50

MAJOR BUDGET CHANGES

*Estimate as of May, 2017

UTILITIES - WATER
WATER LABORATORY

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Water System Resources	$ 388,767	$ 641,861	$ 611,287	$ 453,694	$ 461,338	$ 522,697
Transfer in Wastewater	40,892	47,155	47,155	47,467	48,891	50,358
Bacteriological Testing Fees	82,300	86,000	84,810	86,000	88,580	91,237
TOTAL RESOURCES	$ 511,959	$ 775,016	$ 743,252	$ 587,161	$ 598,809	$ 664,292

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Personal Services	$ 362,655	$ 438,724	$ 438,452	$ 433,421	$ 442,089	$ 450,932
Material & Supplies	50,150	63,206	55,180	65,240	66,544	67,874
Maintenance & Repair	15,643	78,124	60,468	40,144	40,947	41,766
Insurance	4,209	4,112	4,112	4,147	4,230	4,314
Miscellaneous	519	600	600	618	630	643
Operations	10,955	16,827	11,017	17,193	17,536	17,886
Capital Outlay	49,375	154,375	154,375	4,375	4,375	57,975
Other Transfers	18,453	19,048	19,048	22,023	22,458	22,902
TOTAL EXPENDITURES	$ 511,959	$ 775,016	$ 743,252	$ 587,161	$ 598,809	$ 664,292

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	5.00	5.00	5.00	5.00	5.00	5.00
Temporary/Seasonal	-	-	-	-	-	-
TOTAL PERSONNEL	5.00	5.00	5.00	5.00	5.00	5.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2017

UTILITIES - WATER
CUSTOMER SERVICE

RESOURCES	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Water System Resources	$ 614,144	$ 725,423	$ 623,150	$ 745,129	$ 762,499	$ 777,658
General Government Transfer	249,316	339,026	325,575	282,170	288,318	294,605
Electric Fund Transfer	2,704,586	3,209,058	2,841,137	2,951,930	3,016,252	3,082,018
Wastewater Fund Transfer	412,862	485,158	419,523	459,068	469,071	479,299
Drainage Fund Transfer	163,096	187,049	165,081	188,837	192,951	197,158
Solid Waste Fund Transfer	711,253	847,565	742,860	747,207	763,489	780,136
Other Fees	52,957	52,000	52,000	52,000	52,000	54,600
TOTAL RESOURCES	$ 4,908,214	$ 5,845,279	$ 5,169,326	$ 5,426,341	$ 5,544,580	$ 5,665,474

EXPENDITURE SUMMARY	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Personal Services	$ 2,873,458	$ 3,158,271	$ 2,897,518	$ 3,037,580	$ 3,098,333	$ 3,160,302
Material & Supplies	377,512	383,400	369,310	396,000	403,920	411,998
Maintenance & Repair	2,579	2,250	1,725	2,250	2,295	2,341
Insurance	41,867	39,265	39,265	39,681	40,475	41,285
Miscellaneous	6,946	7,000	8,200	8,200	8,364	8,531
Operations	714,769	1,182,215	880,430	971,655	991,089	1,010,910
Capital Outlay	-	100,000	-	-	-	-
Transfers to General Fund	419,616	430,061	430,061	409,343	421,623	434,272
Other Transfers	471,467	542,817	542,817	561,632	578,481	595,835
TOTAL EXPENDITURES	$ 4,908,214	$ 5,845,279	$ 5,169,326	$ 5,426,341	$ 5,544,580	$ 5,665,474

PERSONNEL (Full Time Equivalents)	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATE*	2017-18 PROPOSED	2018-19 PROJECTED	2019-20 PROJECTED
Regular	44.00	44.00	44.00	41.00	41.00	41.00
Temporary/Seasonal	1.50	1.50	1.50	1.50	1.50	1.50
TOTAL PERSONNEL	45.50	45.50	45.50	42.50	42.50	42.50

MAJOR BUDGET CHANGES

*Estimate as of May, 2017

2018-2022 Capital Improvements Plan
Cash Requirements - Water

Group	Assignment Categories	2018	2019	2020	2021	2022	Total
002	002-BOOSTER STATION	$380,000	$4,000,000	$350,000			$4,730,000
020	020-FIELD SERVICES REPLCE	$1,433,876	$1,408,719	$1,451,476	$1,521,988	$1,427,922	$7,243,981
024	024-MISC		$3,750,000	$3,750,000	$3,750,000	$3,750,000	$15,000,000
027	027-OFFICE FURN/COMPUTER/EQUIP			$50,000			$50,000
029	029-OVERSIZE LINES	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
036	036-REPLACE LINES	$3,780,000	$3,810,000	$2,000,000	$2,000,000	$2,000,000	$13,590,000
042	042-TAPS,FIRE HYDS, METERS	$1,275,530	$1,334,547	$1,393,832	$1,453,398	$1,513,250	$6,970,557
043	043-TOOLS & EQUIPMENT	$10,000	$10,000	$10,000	$270,000	$10,000	$310,000
045	045-TRANSMISSION LINES	$12,260,000	$1,300,000	$5,090,000	$10,600,000		$29,250,000
048	048-PLANT IMPROVEMENTS	$13,470,000	$11,600,000	$6,000,000	$150,000		$31,220,000
050	050-VEHICLES	$340,000	$499,000	$773,000	$322,000	$199,000	$2,133,000
Grand Totals		**$33,149,406**	**$27,912,266**	**$21,068,308**	**$20,267,386**	**$9,100,172**	**$111,497,538**

	Aid in Construction	$250,530	$258,047	$265,788	$273,762	$281,975	$1,330,102
	Revenue	$19,988,876	$10,404,219	$6,512,520	$16,043,624	$4,868,197	$57,817,436
	Utility Bonds	$12,910,000	$17,250,000	$14,290,000	$3,950,000	$3,950,000	$52,350,000
Grand Totals		**$33,149,406**	**$27,912,266**	**$21,068,308**	**$20,267,386**	**$9,100,172**	**$111,497,538**

Water Required Bond Sale	**11,000,000**	**16,500,000**	**14,000,000**	**3,500,000**	**3,500,000**	**48,500,000**

2018-2022 Capital Improvements Plan
5 Year List By Business Unit - Water

FY	HBU	Project Type	Group	Project Title	Aid In Construction	Revenue	Utility Bonds	Total
2018	630001-Water-Administration	Replacement	050-VEHICLES	Vehicles - Water Administration		$30,000		$30,000
				630001 Subtotal:		**$30,000**		**$30,000**
	630100-Water-Production	Growth	002-BOOSTER STATION	Riney Road Booster Pump Station			$150,000	$150,000
				Southwest Booster Pump Station Supply Line Improve		$230,000		$230,000
		Replacement	045-TRANSMISSION LINES	Lake Lewisville Raw Water Transmission Line		$4,000,000		$4,000,000
			048-PLANT IMPROVEMENTS	Lake Lewisville WTP Upgrade Phase II		$8,000,000	$2,000,000	$10,000,000
				Performance and Regulatory Upgrade of RRWTP		$950,000	$800,000	$1,750,000
				Lake Ray Roberts WTP Zebra Mussel Control			$1,500,000	$1,500,000
			050-VEHICLES	Vehicles - Water Production		$25,000		$25,000
		Technology	048-PLANT IMPROVEMENTS	Redundant SCADA Radio Network		$220,000		$220,000
				630100 Subtotal:		**$13,425,000**	**$4,450,000**	**$17,875,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$250,530			$250,530
			045-TRANSMISSION LINES	Hwy 380 to I-35 Transmission Line			$1,590,000	$1,590,000
				Scripture to I-35 Transmission Line			$630,000	$630,000
				Allred to John Paine Road Transmission Line			$6,040,000	$6,040,000
		Replacement	020-FIELD SERVICES REPLCE	FY 17-18 Field Service Replacements		$1,433,876		$1,433,876
			036-REPLACE LINES	Revenue Funded Infrastructure Replacement		$2,000,000		$2,000,000
				Ruddell Extension at Mingo Road Utility Relocation		$730,000		$730,000
				McKinney Street Widening - Loop 288 to Grissom Rd		$1,050,000		$1,050,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$50,000		$50,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$225,000		$225,000
				630200 Subtotal:	**$250,530**	**$5,498,876**	**$8,460,000**	**$14,209,406**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$975,000		$975,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$60,000		$60,000
				630300 Subtotal:		**$1,035,000**		**$1,035,000**
				2018 Subtotal:	**$250,530**	**$19,988,876**	**$12,910,000**	**$33,149,406**
2019	630100-Water-Production	Growth	002-BOOSTER STATION	Riney Road Booster Pump Station			$4,000,000	$4,000,000
		Improved Service	048-PLANT IMPROVEMENTS	LLWTP Solids Handling		$600,000		$600,000
		Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			048-PLANT IMPROVEMENTS	Performance and Regulatory Upgrade of RRWTP		$3,000,000	$8,000,000	$11,000,000
				630100 Subtotal:		**$3,600,000**	**$15,750,000**	**$19,350,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$258,047			$258,047
			045-TRANSMISSION LINES	Northwest Transmission Lines			$1,300,000	$1,300,000

2018-2022 Capital Improvements Plan
5 Year List By Business Unit - Water

FY	HBU	Project Type	Group	Project Title	Aid In Construction	Revenue	Utility Bonds	Total
		Replacement	020-FIELD SERVICES REPLCE	FY 18-19 Field Service Replacements		$1,408,719		$1,408,719
			036-REPLACE LINES	Revenue Funded Infrastructure Replacement		$2,000,000		$2,000,000
				Bonnie Brae-380 to Windsor		$500,000		$500,000
				Bonnie Brae- I35 to Scripture		$790,000		$790,000
				Bonnie Brae-Scripture to 380		$520,000		$520,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$51,500		$51,500
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$409,000		$409,000
				630200 Subtotal:	**$258,047**	**$5,689,219**	**$1,500,000**	**$7,447,266**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,025,000		$1,025,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$90,000		$90,000
				630300 Subtotal:		**$1,115,000**		**$1,115,000**
				2019 Subtotal:	**$258,047**	**$10,404,219**	**$17,250,000**	**$27,912,266**
2020	630100-Water-Production	Growth	002-BOOSTER STATION	Southwest Booster Pump Station Pump Addition		$350,000		$350,000
		Improved Service	048-PLANT IMPROVEMENTS	LLWTP Solids Handling			$6,000,000	$6,000,000
		Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			045-TRANSMISSION LINES	Lake Lewisville Preliminary Transmission Study II		$150,000		$150,000
				Lake Lewisville Trans Pipeline Assessment II		$600,000		$600,000
			050-VEHICLES	Vehicles - Water Production		$112,000		$112,000
				630100 Subtotal:		**$1,212,000**	**$9,750,000**	**$10,962,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$265,788			$265,788
			045-TRANSMISSION LINES	Northwest Transmission Lines			$4,340,000	$4,340,000
		Replacement	020-FIELD SERVICES REPLCE	FY 19-20 Field Service Replacements		$1,451,476		$1,451,476
			036-REPLACE LINES	Revenue Funded Infrastructure Replacement		$2,000,000		$2,000,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$53,044		$53,044
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$481,000		$481,000
				630200 Subtotal:	**$265,788**	**$3,995,520**	**$4,540,000**	**$8,801,308**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,075,000		$1,075,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$150,000		$150,000
				630300 Subtotal:		**$1,225,000**		**$1,225,000**
	630500-Water-Laboratory	Replacement	027-OFFICE FURN/COMPUTER/EQUIP	Sample Storage Walk-in Refrigerator Vault		$50,000		$50,000
			050-VEHICLES	Vehicles - Water Laboratory		$30,000		$30,000
				630500 Subtotal:		**$80,000**		**$80,000**
				2020 Subtotal:	**$265,788**	**$6,512,520**	**$14,290,000**	**$21,068,308**
2021	630100-Water-Production	Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			045-TRANSMISSION LINES	Lake Lewisville Raw Water Transmission Line II		$10,600,000		$10,600,000

2018-2022 Capital Improvements Plan
5 Year List By Business Unit - Water

FY	HBU	Project Type	Group	Project Title	Aid in Construction	Revenue	Utility Bonds	Total
			048-PLANT IMPROVEMENTS	Decommissioning McKenna Park Booster Station		$150,000		$150,000
			050-VEHICLES	Vehicles - Water Production		$70,000		$70,000
				630100 Subtotal:		**$10,820,000**	**$3,750,000**	**$14,570,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$273,762			$273,762
		Replacement	020-FIELD SERVICES REPLCE	FY 20-21 Field Service Replacements		$1,521,988		$1,521,988
			036-REPLACE LINES	Revenue Funded Infrastructure Replacement		$2,000,000		$2,000,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$54,636		$54,636
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$222,000		$222,000
				630200 Subtotal:	**$273,762**	**$3,808,624**	**$200,000**	**$4,282,386**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,125,000		$1,125,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$30,000		$30,000
				630300 Subtotal:		**$1,155,000**		**$1,155,000**
	630500-Water-Laboratory	Replacement	043-TOOLS & EQUIPMENT	Inductively Coupled Plasma Mass Spectrometer (ICP-		$260,000		$260,000
				630500 Subtotal:		**$260,000**		**$260,000**
				2021 Subtotal:	**$273,762**	**$16,043,624**	**$3,950,000**	**$20,267,386**
2022	630100-Water-Production	Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			050-VEHICLES	Vehicles - Water Production		$12,000		$12,000
				630100 Subtotal:		**$12,000**	**$3,750,000**	**$3,762,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$281,975			$281,975
		Replacement	020-FIELD SERVICES REPLCE	FY 21-22 Field Service Replacements		$1,427,922		$1,427,922
			036-REPLACE LINES	Revenue Funded Infrastructure Replacement		$2,000,000		$2,000,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$56,275		$56,275
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$27,000		$27,000
				630200 Subtotal:	**$281,975**	**$3,521,197**	**$200,000**	**$4,003,172**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,175,000		$1,175,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$160,000		$160,000
				630300 Subtotal:		**$1,335,000**		**$1,335,000**
				2022 Subtotal:	**$281,975**	**$4,868,197**	**$3,950,000**	**$9,100,172**
				Grand Totals:	**$1,330,102**	**$57,817,436**	**$52,350,000**	**$111,497,538**